

Converting Colors

Hex(60004E)

Have a look what the booklet for
Hex(60004E) contains.

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Color

Hex(60004E)

Conversions

Conversions Part 1

Format	Color
Hex	60004E
RGB	96, 0, 78
RGB Percent	38%, 0%, 31%
CMY	0.6235, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.19, 0.62
HSL	311°, 100%, 19%
HSV	311°, 100%, 38%
XYZ	6.1990, 3.0369, 7.4672
YIQ	37.5960, 32.1780, 44.6100

Conversions

Conversions Part 2

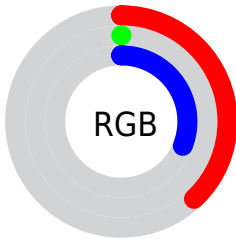
Format	Color
RYB	96, 0, 78
Decimal	6291534
CIELab	20.19, 45.27, -19.47
CIELCh	20, 49.276, 336.731
Yxy	3.0369, 0.3711, 0.1818
Android (android.graphics.Color)	4284481614 (0xFF60004E)
YUV	37.5960, 19.9192, 51.2203
Hunter-Lab	17.4266, 32.9999, -13.2068

Details

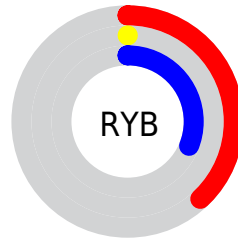
The Hex color **60004E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006012**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **963D7F**, and **300022** is the 20% darker color. If you saturate the color by 10%, you get **60004E**, and if you desaturate by 10%, it is **600A50**.

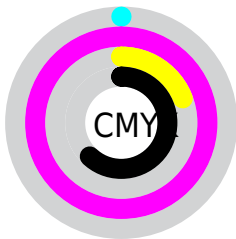
Distribution



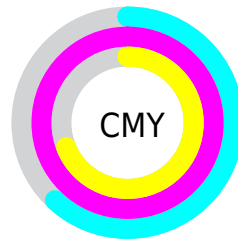
- Red (38%)
- Green (0%)
- Blue (31%)



- Red (38%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (62%)



- Cyan (62%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60004E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 60004E by changing the saturation by 10% instead.

 60004E

 60004E

 FFFDFF

 460037

 963D7F

 300022

 B25799

 050006

 CE71B4

 000000

 EB8CD0

 FFA7EC

 FFC3FF

 FFE0FF

 60004E

 600A50

 601352

 601D53

 602655

 603057

 603A59

 60435B

 604D5C

 60565E

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37226C



60004E



6D002A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60004E



363200



003F5C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60004E



006012

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003F38



60004E



0B3A00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60004E



532300



003D11



003C74

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60004E



6B0013



003D11



003F51

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60004E



7D5776



120060



40293B



BFBFBF



404040

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60004E



7D0066



60001E



302C30



70005B



F000C3

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60004E



7D0066



006042



302C30



70005B



F000C3

Previews

White Background



This preview shows how the Hex color 60004E looks on a white background.

Color Contrast Check

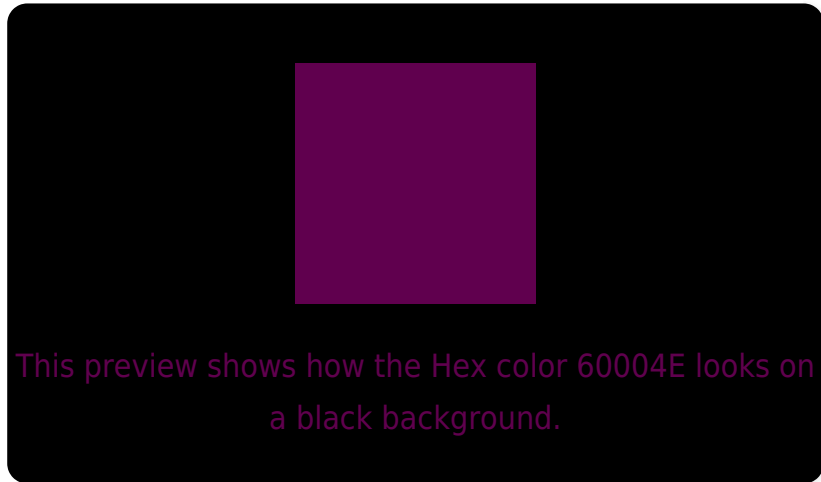
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

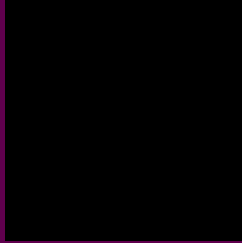
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 60004E Background



This preview shows how black text looks on a background with the Hex color 60004E.



This preview shows how white text looks on a background with the Hex color 60004E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
60004E

Protanopia
00336C

Deuteranopia
2E3449

Trichromacy



Original Color
60004E

Protanomaly
232061

Deuteranomaly
40214B

Tritanomaly
5D1431

Monochromacy



Original Color
60004E

Achromatopsia
262626

Achromatomaly
3B1835

CSS Examples

Text

The CSS property to change the color of the text to Hex 60004E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #60004E looks like.

```
.text, #text, p{  
    color:#60004E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #60004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60004E
}
```

Border

The CSS property to change the border of an element to Hex 60004E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

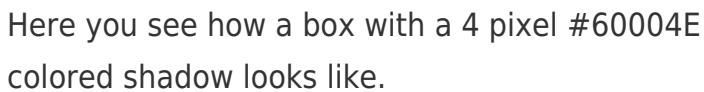
```
.border, #border, table{ border:4px solid
#60004E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#60004E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #60004E colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60004E; -webkit-box-shadow:4px 4px  
4px 4px #60004E; box-shadow:4px 4px 4px  
4px #60004E }
```

Background

The CSS property to change the background color of an element to Hex 60004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60004E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#60004E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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